

Courage to Soar			
2008 Science			
Grade and Course Level Expectations			
Missouri Science			
Grade 3			
Activity/Lesson	State	Standards	
Kite Flight	MO	SCI.3.8.2.A.a	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology
Aviation Pioneers	MO	SCI.3.8.2.A.a	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology
Having the Right Stuff	MO	SCI.3.8.2.A.a	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology
The Matter of Air	MO	SCI.3.7.1.C.b	Use data as support for observed patterns and relationships, and to make predictions to be tested
Controlling the Plane	MO	SCI.3.7.1.C.b	Use data as support for observed patterns and relationships, and to make predictions to be tested
Courage to Soar			
2008 Science			
Grade and Course Level Expectations			
Missouri Science			
Grade 4			
Activity/Lesson	State	Standards	
Kite Flight	MO	SCI.4.7.1.A.a.	Formulate testable questions and explanations (hypotheses)
Kite Flight	MO	SCI.4.8.2.A.a.	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology
Aviation Pioneers	MO	SCI.4.7.1.A.a.	Formulate testable questions and explanations (hypotheses)
Aviation Pioneers	MO	SCI.4.8.2.A.a.	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology

Having the Right Stuff	MO	SCI.4.8.1.C.a.	Identify how the effects of inventions or technological advances (e.g., different types of light bulbs, semiconductors/integrated circuits and electronics, satellite imagery, robotics, communication, transportation, generation of energy, renewable materials) may be helpful, harmful, or both
Having the Right Stuff	MO	SCI.4.8.2.A.a.	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology
Flying a Styrofoam Plane	MO	SCI.4.7.1.A.a.	Formulate testable questions and explanations (hypotheses)
The Matter of Air	MO	SCI.4.7.1.A.a.	Formulate testable questions and explanations (hypotheses)
Controlling the Plane	MO	SCI.4.7.1.C.b.	Use data as support for observed patterns and relationships, and to make predictions to be tested
Courage to Soar			
2008 Science			
Grade and Course Level Expectations			
Missouri Science			
Grade 5			
Activity/Lesson	State	Standards	
Kite Flight	MO	SCI.5.7.1.A.a	Formulate testable questions and explanations (hypotheses)
Kite Flight	MO	SCI.5.8.2.A.a	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology
Aviation Pioneers	MO	SCI.5.7.1.A.a	Formulate testable questions and explanations (hypotheses)
Aviation Pioneers	MO	SCI.5.8.2.A.a	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology
Having the Right Stuff	MO	SCI.5.8.2.A.a	Research biographical information about various scientists and inventors from different gender and ethnic backgrounds, and describe how their work contributed to science and technology
Flying a Styrofoam Plane	MO	SCI.5.7.1.A.a	Formulate testable questions and explanations (hypotheses)
The Matter of Air	MO	SCI.5.7.1.A.a	Formulate testable questions and explanations (hypotheses)